

FIG.1

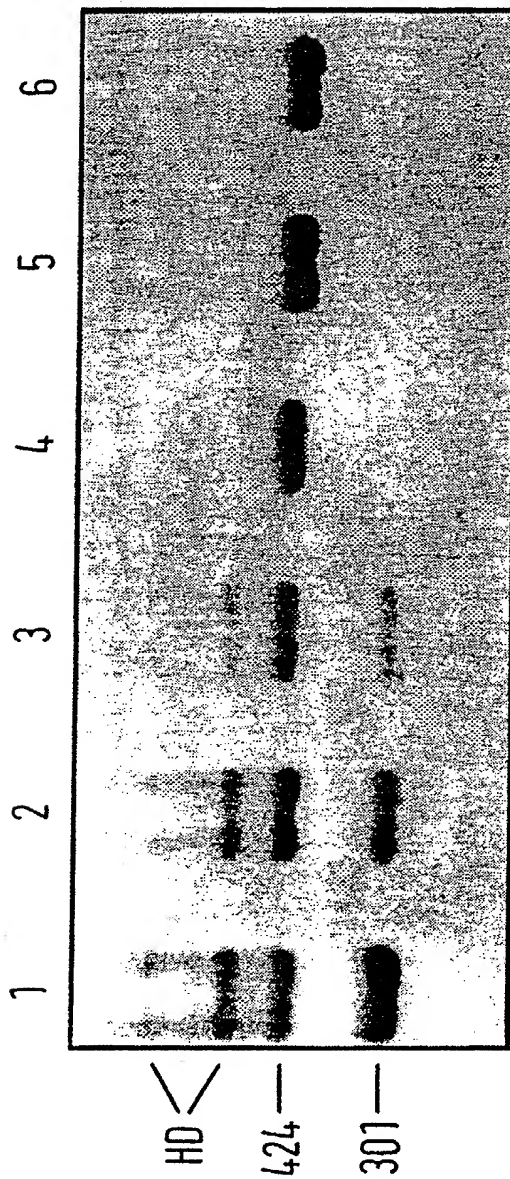


FIG.2

Sequence Alignment Across the Exon /Intron Border of KIT Exon 17

Allele	Gene Copy	Sequence													
		Exon 17							Intron 17						
I	KIT1	AAT	TAC	GTG	GTC	AAA	GGA	AAC	↓	GTG	AGT	ACC	CAC	GCT	CTC
	KIT2	...	...	...	...	...	...	...	|	A..	...	...	...	...	...
I ^p	KIT1	...	...	...	...	...	...	...	|	G..	...	...	...	...	...
	KIT1	...	...	...	...	...	...	...	|	G..	...	...	...	...	...
i	KIT1	...	...	...	...	...	...	...	|	G..	...	...	...	...	...

FIG.3

The image displays two lanes of a gel electrophoresis experiment. The left lane is labeled 'Normal KIT' and contains two horizontal lines representing DNA bands; the top line is labeled '134 bp' and the bottom line is labeled '41 bp'. The right lane is labeled 'Splice Mutant KIT' and contains three horizontal lines representing DNA bands; the top line is labeled '80 bp', the middle line is labeled '54 bp', and the bottom line is labeled '41 bp'.

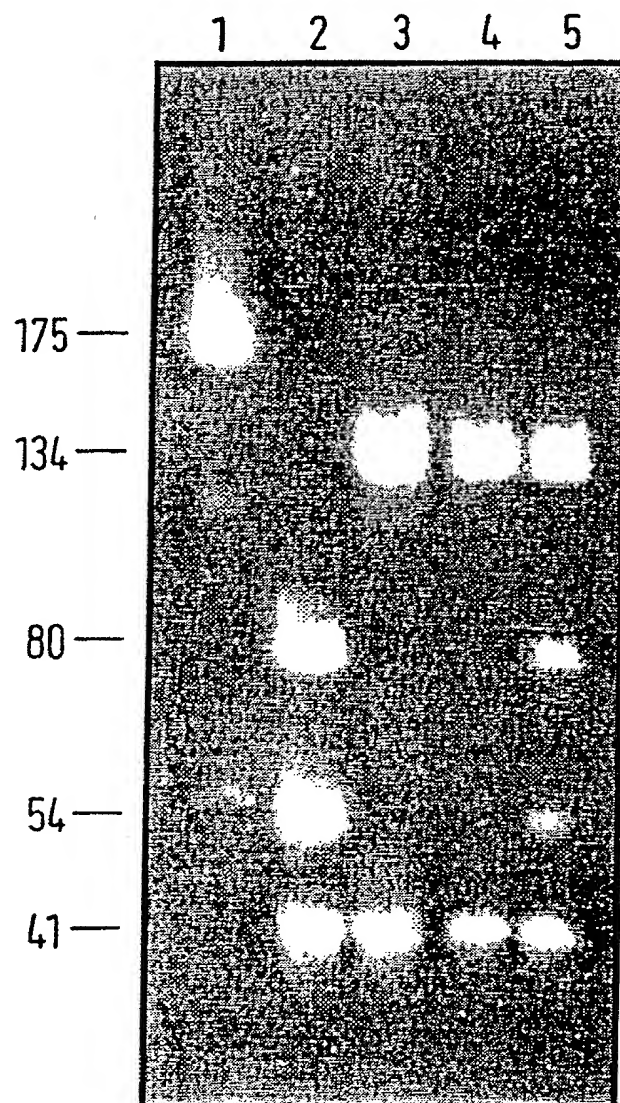


FIG.4(c)

004740-50505560

Ratio of normal to splice mutant KIT

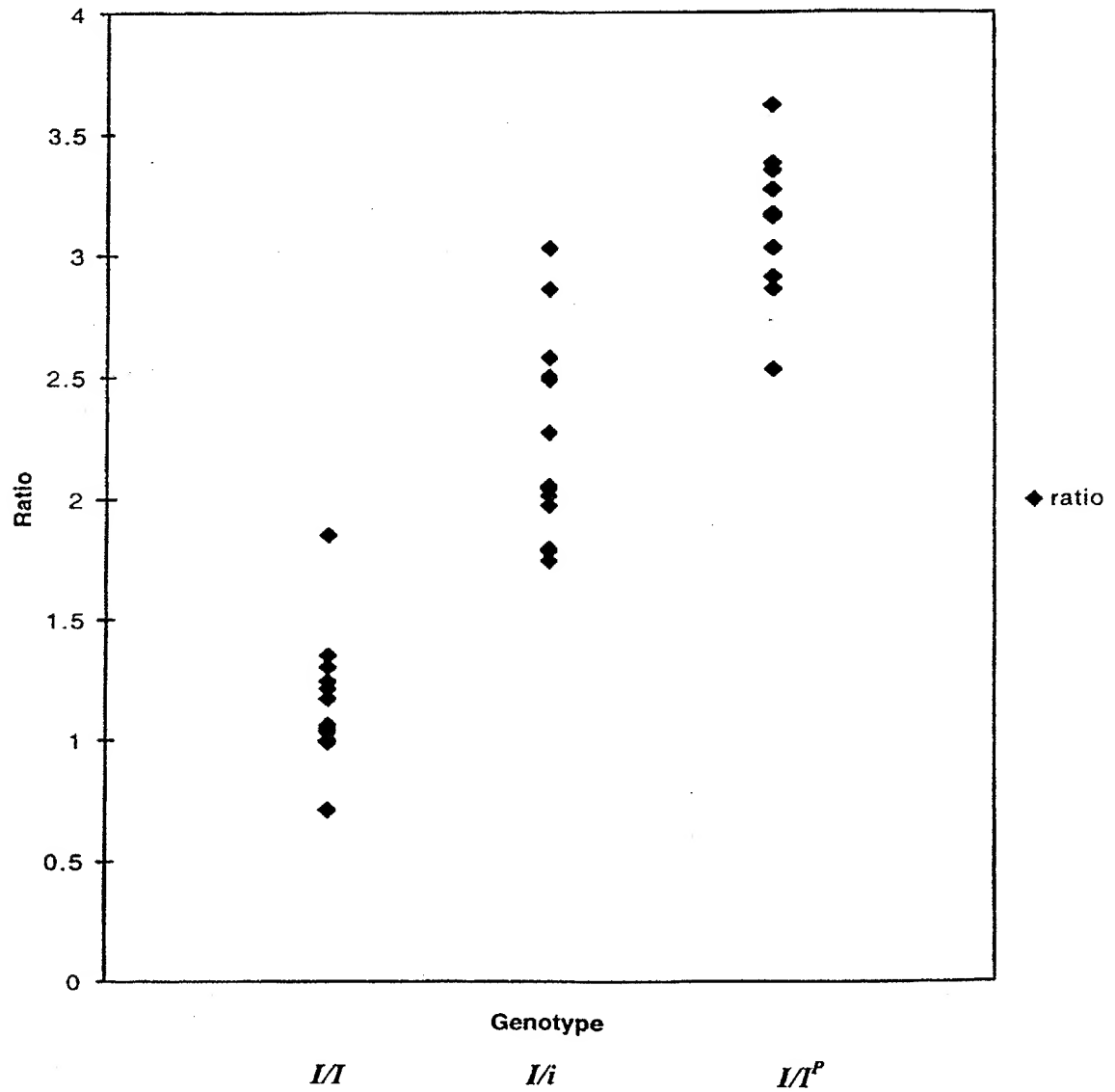


FIG.5

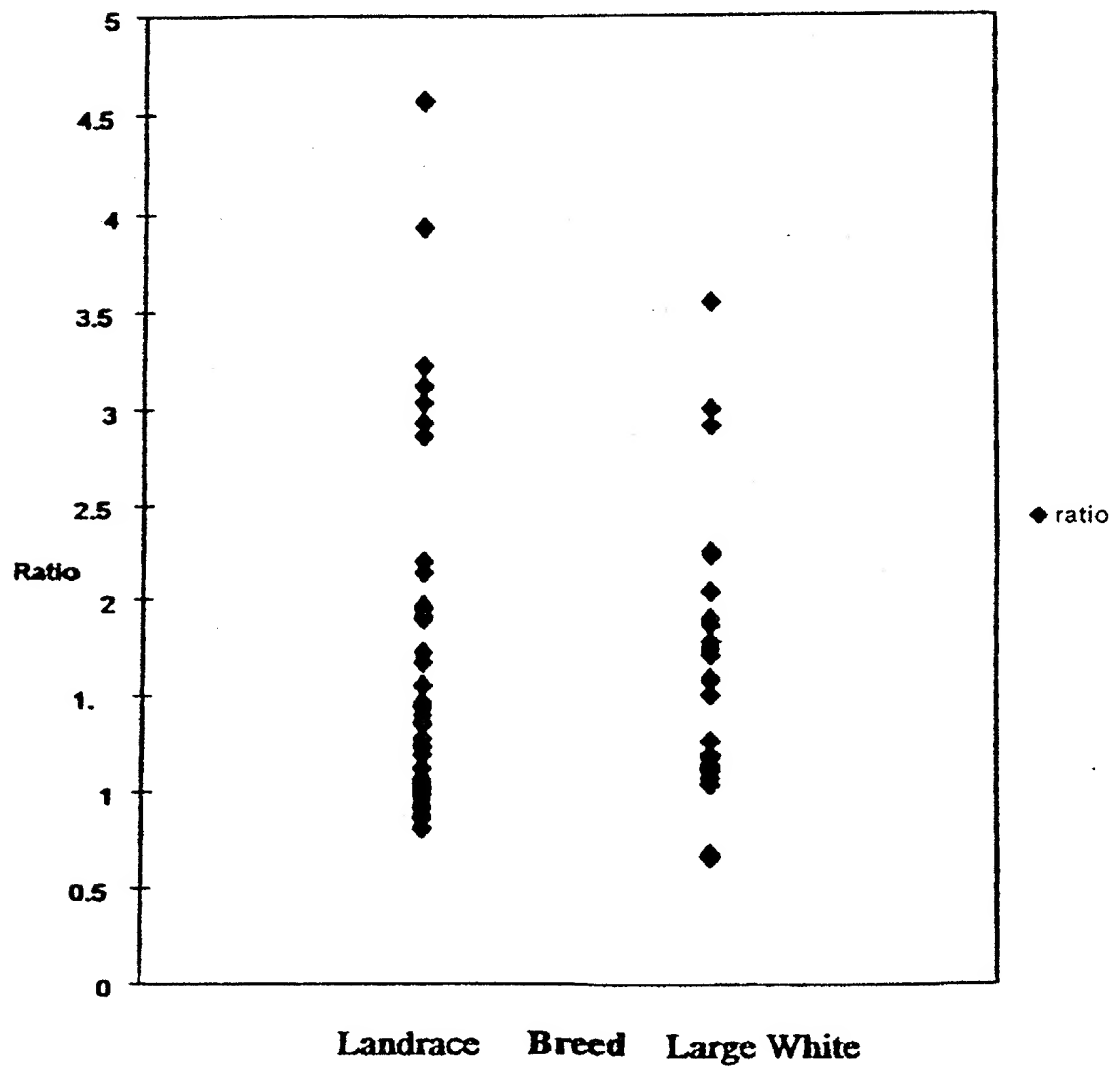
Ratios for Landrace and Large White

FIG.6

Plot of Ct FAM vs Ct TET for TaqMan based PCR
analysis of porcine KIT splice mutation genotype

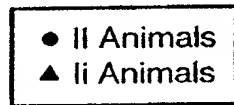
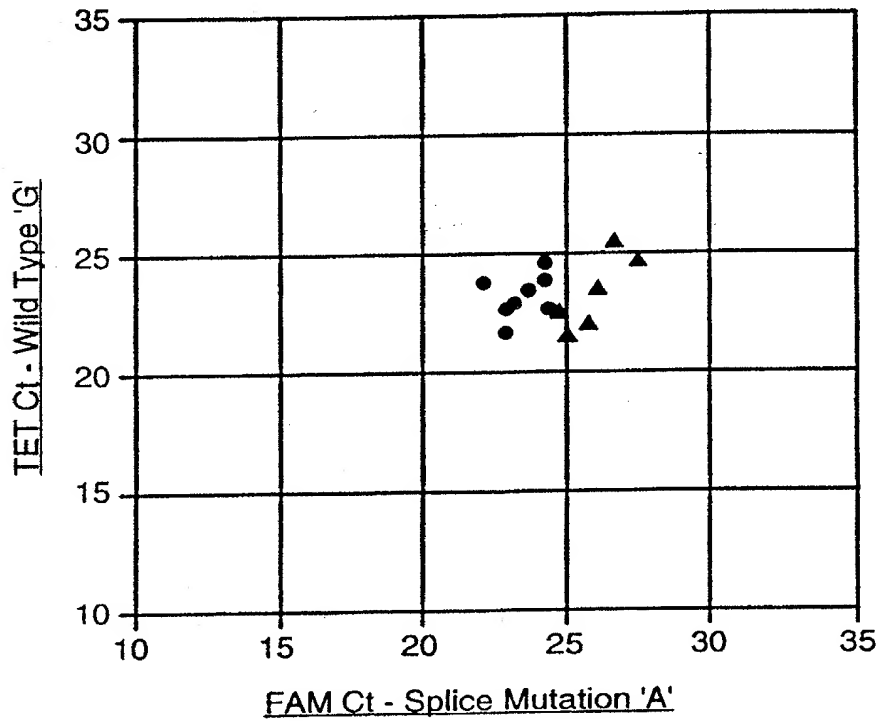


FIG.7